

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007215

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B32B27/08 B32B27/30 B32B27/32 B32B27/36 A61J1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B A61J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 774 348 A (BRAUN MELSUNGEN AG) 21 May 1997 (1997-05-21) cited in the application page 3, lines 11-15; claims 1-5,8,10; examples page 3, lines 46-50	1-6, 13-16
Y	US 5 164 258 A (SHIDA MITSUZO ET AL) 17 November 1992 (1992-11-17) column 3, line 1 - column 4, line 26; claims 1-4,10-12,19,28-33; examples	1-6, 13-16
Y	EP 0 459 357 A (MITSUI PETROCHEMICAL IND) 4 December 1991 (1991-12-04) page 2, lines 11-28; claims 1,5-7; example 1; table 2 page 6, lines 3-40	1-6, 13-16

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

27 September 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 965 443 A (BRAUN MELSUNGEN AG) 22 December 1999 (1999-12-22) cited in the application paragraphs '0006!, ' 0014! - '0018!; claims 1-7; examples paragraph '0020! -----	1-16
Y	WO 97/37628 A (BROOLING CATHRINE ; PHARMACIA & UPJOHN AB (SE); GUSTAFSSON BO (SE); SK) 16 October 1997 (1997-10-16) page 14, lines 19-28; claims 1,5,11-21,24; examples page 13, lines 6-8,21-23,27-32 -----	7-12
A	DOMENICO ACIERNO, LUIGI NICOLAIS: "DAL PROCESSO AL PRODOTTO" ITALIA IMBALLAGGIO, 'Online! June 2000 (2000-06), XP002297767 Retrieved from the Internet: URL:http://www.italiaimballaggio.it/italia imballaggio/06_00/6_00/sezioni/05_matir/ar t1_matir.html> 'retrieved on 2004-09-27! Paragraph: "Rimozione dell'ossigeno da BP Amoco" -----	7-12
A	WO 01/01775 A (BIOPURE CORP ; GAWRYL MARIA S (US); LIGHT WILLIAM R (US); HOUTCHENS RO) 11 January 2001 (2001-01-11) page 4, line 23 - page 6, line 16; claims 1-3 -----	1-16
A	US 6 133 361 A (ETO HARUAKI ET AL) 17 October 2000 (2000-10-17) claims; example 7 -----	7-12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007215

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0774348	A	21-05-1997	DE 19542716 A1 AT 242117 T DE 59610498 D1 EP 0774348 A2 ES 2194947 T3	22-05-1997 15-06-2003 10-07-2003 21-05-1997 01-12-2003
US 5164258	A	17-11-1992	NONE	
EP 0459357	A	04-12-1991	JP 3061398 B2 JP 4031483 A AT 142244 T AU 629126 B2 AU 7729391 A CA 2043329 A1 DE 69121776 D1 DE 69121776 T2 EP 0459357 A2 KR 9404203 B1 NZ 238256 A US 5198494 A	10-07-2000 03-02-1992 15-09-1996 24-09-1992 02-01-1992 29-11-1991 10-10-1996 13-02-1997 04-12-1991 17-05-1994 27-07-1993 30-03-1993
EP 0965443	A	22-12-1999	EP 0965443 A1 AT 258112 T AU 4774199 A DE 69821221 D1 WO 9967090 A2	22-12-1999 15-02-2004 10-01-2000 26-02-2004 29-12-1999
WO 9737628	A	16-10-1997	AT 255874 T AU 719057 B2 AU 2418497 A BG 62847 B1 BG 102824 A BR 9708630 A CA 2250152 A1 CA 2472608 A1 CN 1218385 A ,B CZ 9803260 A3 DE 69726715 D1 DK 893982 T3 EE 9800321 A EP 1396249 A2 EP 0893982 A1 HK 1019851 A1 HR 970195 A1 HU 9901653 A2 ID 19869 A IL 126380 A JP 3379964 B2 JP 2000504956 T JP 2003205972 A KR 2000005298 A NO 984743 A NZ 331981 A PL 329293 A1 PT 893982 T RO 117346 B1 RU 2183446 C2 WO 9737628 A1	15-12-2003 04-05-2000 29-10-1997 29-09-2000 30-04-1999 03-08-1999 16-10-1997 16-10-1997 02-06-1999 14-04-1999 22-01-2004 13-04-2004 15-04-1999 10-03-2004 03-02-1999 02-01-2004 30-04-1998 28-09-1999 13-08-1998 29-05-2003 24-02-2003 25-04-2000 22-07-2003 25-01-2000 09-12-1998 28-05-1999 15-03-1999 30-04-2004 28-02-2002 20-06-2002 16-10-1997

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007215

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9737628	A		SK 133798 A3	10-03-1999
			TR 9802031 T2	18-01-1999
			TW 397682 B	11-07-2000
			US 6398771 B1	04-06-2002
			US 6007529 A	28-12-1999
			ZA 9702965 A	14-08-1998
WO 0101775	A	11-01-2001	US 6288027 B1	11-09-2001
			AT 266314 T	15-05-2004
			AU 760123 B2	08-05-2003
			AU 6081700 A	22-01-2001
			CA 2373753 A1	11-01-2001
			CN 1384707 T	11-12-2002
			DE 60010704 D1	17-06-2004
			EP 1196030 A1	17-04-2002
			JP 2003520774 T	08-07-2003
			NZ 516470 A	28-11-2003
			WO 0101775 A1	11-01-2001
			US 2002128182 A1	12-09-2002
US 6133361	A	17-10-2000	DE 69720571 D1	15-05-2003
			DE 69720571 T2	08-01-2004
			EP 0787764 A2	06-08-1997
			JP 3496427 B2	09-02-2004
			JP 9268235 A	14-10-1997
			US 5889093 A	30-03-1999
			DE 69806078 D1	25-07-2002
			DE 69806078 T2	21-11-2002
			EP 0864630 A1	16-09-1998
			JP 10309427 A	24-11-1998